

Max S Wicha

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

45,733
citations

7096

78
h-index

1857

209
g-index

217
all docs

217
docs citations

217
times ranked

39747
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective identification of tumorigenic breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3983-3988.	7.1	9,314
2	ALDH1 Is a Marker of Normal and Malignant Human Mammary Stem Cells and a Predictor of Poor Clinical Outcome. Cell Stem Cell, 2007, 1, 555-567.	11.1	3,550
3	Identification of Pancreatic Cancer Stem Cells. Cancer Research, 2007, 67, 1030-1037.	0.9	3,017
4	In vitro propagation and transcriptional profiling of human mammary stem/progenitor cells. Genes and Development, 2003, 17, 1253-1270.	5.9	2,114
5	Chemokines in the cancer microenvironment and their relevance in cancer immunotherapy. Nature Reviews Immunology, 2017, 17, 559-572.	22.7	1,448
6	Cancer Stem Cells: An Old Idea—A Paradigm Shift. Cancer Research, 2006, 66, 1883-1890.	0.9	1,269
7	Hedgehog Signaling and Bmi-1 Regulate Self-renewal of Normal and Malignant Human Mammary Stem Cells. Cancer Research, 2006, 66, 6063-6071.	0.9	1,145
8	Breast Cancer Cell Lines Contain Functional Cancer Stem Cells with Metastatic Capacity and a Distinct Molecular Signature. Cancer Research, 2009, 69, 1302-1313.	0.9	1,067
9	Aldehyde Dehydrogenase 1 Is a Marker for Normal and Malignant Human Colonic Stem Cells (SC) and Tracks SC Overpopulation during Colon Tumorigenesis. Cancer Research, 2009, 69, 3382-3389.	0.9	938
10	Breast Cancer Stem Cells Transition between Epithelial and Mesenchymal States Reflective of their Normal Counterparts. Stem Cell Reports, 2014, 2, 78-91.	4.8	854
11	Role of Notch signaling in cell-fate determination of human mammary stem/progenitor cells. Breast Cancer Research, 2004, 6, R605-15.	5.0	658
12	CXCR1 blockade selectively targets human breast cancer stem cells in vitro and in xenografts. Journal of Clinical Investigation, 2010, 120, 485-497.	8.2	658
13	Aldehyde Dehydrogenase 1—Positive Cancer Stem Cells Mediate Metastasis and Poor Clinical Outcome in Inflammatory Breast Cancer. Clinical Cancer Research, 2010, 16, 45-55.	7.0	646
14	Antiangiogenic agents increase breast cancer stem cells via the generation of tumor hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2784-2789.	7.1	645
15	Breast Cancer Stem Cells Are Regulated by Mesenchymal Stem Cells through Cytokine Networks. Cancer Research, 2011, 71, 614-624.	0.9	573
16	Therapeutic implications of cancer stem cells. Current Opinion in Genetics and Development, 2004, 14, 43-47.	3.3	530
17	Breast cancer stem cells, cytokine networks, and the tumor microenvironment. Journal of Clinical Investigation, 2011, 121, 3804-3809.	8.2	517
18	Sensitive capture of circulating tumour cells by functionalized graphene oxide nanosheets. Nature Nanotechnology, 2013, 8, 735-741.	31.5	487

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19	Regulation of Mammary Stem/Progenitor Cells by PTEN/Akt/ β -Catenin Signaling. <i>PLoS Biology</i> , 2009, 7, e1000121.	5.6	484
20	Sulforaphane, a Dietary Component of Broccoli/Broccoli Sprouts, Inhibits Breast Cancer Stem Cells. <i>Clinical Cancer Research</i> , 2010, 16, 2580-2590.	7.0	478
21	Aldehyde Dehydrogenase in Combination with CD133 Defines Angiogenic Ovarian Cancer Stem Cells That Portend Poor Patient Survival. <i>Cancer Research</i> , 2011, 71, 3991-4001.	0.9	458
22	Activation of an IL6 Inflammatory Loop Mediates Trastuzumab Resistance in HER2+ Breast Cancer by Expanding the Cancer Stem Cell Population. <i>Molecular Cell</i> , 2012, 47, 570-584.	9.7	458
23	Targeting breast stem cells with the cancer preventive compounds curcumin and piperine. <i>Breast Cancer Research and Treatment</i> , 2010, 122, 777-785.	2.5	432
24	Host expression of PD-L1 determines efficacy of PD-L1 pathway blockade-mediated tumor regression. <i>Journal of Clinical Investigation</i> , 2018, 128, 805-815.	8.2	423
25	BRCA1 regulates human mammary stem/progenitor cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1680-1685.	7.1	417
26	Myeloid-Derived Suppressor Cells Enhance Stemness of Cancer Cells by Inducing MicroRNA101 and Suppressing the Corepressor CtBP2. <i>Immunity</i> , 2013, 39, 611-621.	14.3	366
27	Therapeutic Implications of Cellular Heterogeneity and Plasticity in Breast Cancer. <i>Cell Stem Cell</i> , 2015, 17, 260-271.	11.1	328
28	Targeting Breast Cancer Stem Cells. <i>Journal of Clinical Oncology</i> , 2010, 28, 4006-4012.	1.6	311
29	Regulation of Cancer Stem Cells by Cytokine Networks: Attacking Cancer's Inflammatory Roots. <i>Clinical Cancer Research</i> , 2011, 17, 6125-6129.	7.0	290
30	Breast cancer, stem/progenitor cells and the estrogen receptor. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 193-197.	7.1	285
31	Targeting Breast Cancer Stem Cell State Equilibrium through Modulation of Redox Signaling. <i>Cell Metabolism</i> , 2018, 28, 69-86.e6.	16.2	284
32	Aerobic Glycolysis Controls Myeloid-Derived Suppressor Cells and Tumor Immunity via a Specific CEBPB Isoform in Triple-Negative Breast Cancer. <i>Cell Metabolism</i> , 2018, 28, 87-103.e6.	16.2	263
33	Expression of aldehyde dehydrogenase and CD133 defines ovarian cancer stem cells. <i>International Journal of Cancer</i> , 2012, 130, 29-39.	5.1	230
34	Endothelial Cell-Initiated Signaling Promotes the Survival and Self-Renewal of Cancer Stem Cells. <i>Cancer Research</i> , 2010, 70, 9969-9978.	0.9	227
35	Preclinical and Clinical Studies of Gamma Secretase Inhibitors with Docetaxel on Human Breast Tumors. <i>Clinical Cancer Research</i> , 2013, 19, 1512-1524.	7.0	224
36	Myeloid-Derived Suppressor Cells Endow Stem-like Qualities to Breast Cancer Cells through IL6/STAT3 and NO/NOTCH Cross-talk Signaling. <i>Cancer Research</i> , 2016, 76, 3156-3165.	0.9	224

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37	HER2 Drives Luminal Breast Cancer Stem Cells in the Absence of HER2 Amplification: Implications for Efficacy of Adjuvant Trastuzumab. <i>Cancer Research</i> , 2013, 73, 1635-1646.	0.9	213
38	Cancer Stem Cell Vaccination Confers Significant Antitumor Immunity. <i>Cancer Research</i> , 2012, 72, 1853-1864.	0.9	200
39	The Role of Lineage Plasticity in Prostate Cancer Therapy Resistance. <i>Clinical Cancer Research</i> , 2019, 25, 6916-6924.	7.0	200
40	Retinoid signaling regulates breast cancer stem cell differentiation. <i>Cell Cycle</i> , 2009, 8, 3297-3302.	2.6	193
41	Mammary Epithelial-Specific Ablation of the Focal Adhesion Kinase Suppresses Mammary Tumorigenesis by Affecting Mammary Cancer Stem/Progenitor Cells. <i>Cancer Research</i> , 2009, 69, 466-474.	0.9	193
42	Patient-derived xenograft (PDX) models in basic and translational breast cancer research. <i>Cancer and Metastasis Reviews</i> , 2016, 35, 547-573.	5.9	189
43	African ancestry and higher prevalence of triple-negative breast cancer. <i>Cancer</i> , 2010, 116, 4926-4932.	4.1	183
44	HER2-Associated Radioresistance of Breast Cancer Stem Cells Isolated from HER2-Negative Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2012, 18, 6634-6647.	7.0	183
45	Survival of Mammary Stem Cells in Suspension Culture: Implications for Stem Cell Biology and Neoplasia. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2005, 10, 75-86.	2.7	180
46	Epithelial-Mesenchymal Plasticity of Breast Cancer Stem Cells: Implications for Metastasis and Therapeutic Resistance. <i>Current Pharmaceutical Design</i> , 2015, 21, 1301-1310.	1.9	179
47	Expansion of CTCs from early stage lung cancer patients using a microfluidic co-culture model. <i>Oncotarget</i> , 2014, 5, 12383-12397.	1.8	175
48	Notch Pathway Activity Identifies Cells with Cancer Stem Cell-like Properties and Correlates with Worse Survival in Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2013, 19, 1972-1980.	7.0	174
49	Hydro-Seq enables contamination-free high-throughput single-cell RNA-sequencing for circulating tumor cells. <i>Nature Communications</i> , 2019, 10, 2163.	12.8	172
50	Targeting breast cancer stem cells. <i>Molecular Oncology</i> , 2010, 4, 404-419.	4.6	170
51	Cancer Stem Cells in Breast: Current Opinion and Future Challenges. <i>Pathobiology</i> , 2008, 75, 75-84.	3.8	169
52	Implications of cancer stem cell theory for cancer chemoprevention by natural dietary compounds. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 799-806.	4.2	166
53	Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. <i>Nature Communications</i> , 2015, 6, 5988.	12.8	164
54	Basement membrane collagen requirements for attachment and growth of mammary epithelium. <i>Experimental Cell Research</i> , 1979, 124, 181-190.	2.6	160

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55	Cancer Stem Cells and Metastasis: Lethal Seeds. <i>Clinical Cancer Research</i> , 2006, 12, 5606-5607.	7.0	158
56	Phase Ib Pilot Study to Evaluate Reparixin in Combination with Weekly Paclitaxel in Patients with HER-2â€“Negative Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 5358-5365.	7.0	157
57	MicroRNA93 Regulates Proliferation and Differentiation of Normal and Malignant Breast Stem Cells. <i>PLoS Genetics</i> , 2012, 8, e1002751.	3.5	150
58	Poor Prognosis Indicated by Venous Circulating Tumor Cell Clusters in Early-Stage Lung Cancers. <i>Cancer Research</i> , 2017, 77, 5194-5206.	0.9	139
59	Concise Review: Targeting Cancer Stem Cells Using Immunologic Approaches. <i>Stem Cells</i> , 2015, 33, 2085-2092.	3.2	131
60	Diet and risk for breast cancer recurrence and survival. <i>Breast Cancer Research and Treatment</i> , 1999, 53, 241-253.	2.5	130
61	HER-2, Notch, and Breast Cancer Stem Cells: Targeting an Axis of Evil. <i>Clinical Cancer Research</i> , 2009, 15, 1845-1847.	7.0	130
62	Tunable Thermalâ€“Sensitive Polymerâ€“Graphene Oxide Composite for Efficient Capture and Release of Viable Circulating Tumor Cells. <i>Advanced Materials</i> , 2016, 28, 4891-4897.	21.0	130
63	RAD51 Mediates Resistance of Cancer Stem Cells to PARP Inhibition in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 514-522.	7.0	124
64	Haemonectin, a bone marrow adhesion protein specific for cells of granulocyte lineage. <i>Nature</i> , 1987, 329, 744-746.	27.8	119
65	Stem Cells in Mammary Development and Carcinogenesis: Implications for Prevention and Treatment. <i>Stem Cell Reviews and Reports</i> , 2005, 1, 207-214.	5.6	115
66	A Radial Flow Microfluidic Device for Ultraâ€“Highâ€“Throughput Affinityâ€“Based Isolation of Circulating Tumor Cells. <i>Small</i> , 2014, 10, 4895-4904.	10.0	115
67	Notch Reporter Activity in Breast Cancer Cell Lines Identifies a Subset of Cells with Stem Cell Activity. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 779-787.	4.1	113
68	Heterogeneity of Human Breast Stem and Progenitor Cells as Revealed byâ€“Transcriptional Profiling. <i>Stem Cell Reports</i> , 2018, 10, 1596-1609.	4.8	112
69	Sulforaphane enhances the anticancer activity of taxanes against triple negative breast cancer by killing cancer stem cells. <i>Cancer Letters</i> , 2017, 394, 52-64.	7.2	108
70	Regulation of rat mammary gene expression by extracellular matrix components. <i>Experimental Cell Research</i> , 1987, 173, 322-340.	2.6	106
71	HER2 and Breast Cancer Stem Cells: More than Meets the Eye. <i>Cancer Research</i> , 2013, 73, 3489-3493.	0.9	101
72	Expression of Bcl-2 Family Proteins in Advanced Laryngeal Squamous Cell Carcinoma: Correlation With Response to Chemotherapy and Organ Preservation. <i>Laryngoscope</i> , 2002, 112, 638-644.	2.0	98

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73	Cytokine-induced killer (CIK) cells bound with anti-CD3/anti-CD133 bispecific antibodies target CD133high cancer stem cells in vitro and in vivo. <i>Clinical Immunology</i> , 2013, 149, 156-168.	3.2	88
74	High-Throughput Microfluidic Labyrinth for the Label-free Isolation of Circulating Tumor Cells. <i>Cell Systems</i> , 2017, 5, 295-304.e4.	6.2	88
75	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. <i>International Journal of Cancer</i> , 1984, 33, 651-655.	5.1	87
76	Cancer stem cell vaccine inhibits metastases of primary tumors and induces humoral immune responses against cancer stem cells. <i>Oncolmmunology</i> , 2015, 4, e990767.	4.6	86
77	Breast Cancer Stem Cells: Current Advances and Clinical Implications. <i>Methods in Molecular Biology</i> , 2015, 1293, 1-49.	0.9	85
78	Role of microRNAs in the Regulation of Breast Cancer Stem Cells. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2012, 17, 15-21.	2.7	84
79	Endothelial Interleukin-6 Defines the Tumorigenic Potential of Primary Human Cancer Stem Cells. <i>Stem Cells</i> , 2014, 32, 2845-2857.	3.2	81
80	Utility of Liquid Biopsy Analysis in Detection of Hepatocellular Carcinoma, Determination of Prognosis, and Disease Monitoring: A Systematic Review. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2879-2902.e9.	4.4	81
81	Primary tumor-induced immunity eradicates disseminated tumor cells in syngeneic mouse model. <i>Nature Communications</i> , 2019, 10, 1430.	12.8	77
82	A Novel, Conditionally Replicative Adenovirus for the Treatment of Breast Cancer That Allows Controlled Replication of E1a-Deleted Adenoviral Vectors. <i>Human Gene Therapy</i> , 2000, 11, 2009-2024.	2.7	73
83	Overexpression of Bcl-xL Promotes Chemotherapy Resistance of Mammary Tumors in a Syngeneic Mouse Model. <i>American Journal of Pathology</i> , 1999, 155, 1861-1867.	3.8	72
84	Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	70
85	Protooncogene Expression in Normal and Psoriatic Skin. <i>Journal of Investigative Dermatology</i> , 1990, 94, 19-25.	0.7	69
86	Inhibition of FAK kinase activity preferentially targets cancer stem cells. <i>Oncotarget</i> , 2017, 8, 51733-51747.	1.8	64
87	Mammary stem cell number as a determinate of breast cancer risk. <i>Breast Cancer Research</i> , 2007, 9, 109.	5.0	63
88	Comparative Analysis of Breast Cancer Phenotypes in African American, White American, and West Versus East African patients: Correlation Between African Ancestry and Triple-Negative Breast Cancer. <i>Annals of Surgical Oncology</i> , 2016, 23, 3843-3849.	1.5	63
89	Therapeutic Efficacy of Cancer Stem Cell Vaccines in the Adjuvant Setting. <i>Cancer Research</i> , 2016, 76, 4661-4672.	0.9	62
90	Ablation of Breast Cancer Stem Cells with Radiation. <i>Translational Oncology</i> , 2011, 4, 227-233.	3.7	61

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91	High-Throughput Label-Free Isolation of Heterogeneous Circulating Tumor Cells and CTC Clusters from Non-Small-Cell Lung Cancer Patients. <i>Cancers</i> , 2020, 12, 127.	3.7	60
92	Evaluation of STAT3 Signaling in ALDH+ and ALDH+/CD44+/CD24 ^{low} Subpopulations of Breast Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e82821.	2.5	59
93	MicroRNA100 Inhibits Self-Renewal of Breast Cancer Stem-like Cells and Breast Tumor Development. <i>Cancer Research</i> , 2014, 74, 6648-6660.	0.9	59
94	ALDH/CD44 identifies uniquely tumorigenic cancer stem cells in salivary gland mucoepidermoid carcinomas. <i>Oncotarget</i> , 2015, 6, 26633-26650.	1.8	59
95	An Embryonic Stem Cell-like Signature Identifies Poorly Differentiated Lung Adenocarcinoma but not Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2009, 15, 6386-6390.	7.0	58
96	Pilot study of duloxetine for treatment of aromatase inhibitor-associated musculoskeletal symptoms. <i>Cancer</i> , 2011, 117, 5469-5475.	4.1	58
97	Regulatory Roles of miRNA in the Human Neural Stem Cell Transformation to Glioma Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1368-1380.	2.6	58
98	Targeting Cancer Stem Cell Redox Metabolism to Enhance Therapy Responses. <i>Seminars in Radiation Oncology</i> , 2019, 29, 42-54.	2.2	57
99	CRLX101, an investigational camptothecin-containing nanoparticle-drug conjugate, targets cancer stem cells and impedes resistance to antiangiogenic therapy in mouse models of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 559-567.	2.5	56
100	High-Throughput Single-Cell Derived Sphere Formation for Cancer Stem-Like Cell Identification and Analysis. <i>Scientific Reports</i> , 2016, 6, 27301.	3.3	56
101	Transcriptomic profiling of curcumin-treated human breast stem cells identifies a role for stearoyl-coa desaturase in breast cancer prevention. <i>Breast Cancer Research and Treatment</i> , 2016, 158, 29-41.	2.5	56
102	Cancer Immunotherapy via Targeting Cancer Stem Cells Using Vaccine Nanodiscs. <i>Nano Letters</i> , 2020, 20, 7783-7792.	9.1	55
103	Distinct FAK Activities Determine Progenitor and Mammary Stem Cell Characteristics. <i>Cancer Research</i> , 2013, 73, 5591-5602.	0.9	52
104	Trastuzumab resistance induces EMT to transform HER2+ PTEN ^{low} to a triple negative breast cancer that requires unique treatment options. <i>Scientific Reports</i> , 2015, 5, 15821.	3.3	50
105	Asparagine and Glutamine: Co-conspirators Fueling Metastasis. <i>Cell Metabolism</i> , 2018, 27, 947-949.	16.2	50
106	Divergent Matrix-Remodeling Strategies Distinguish Developmental from Neoplastic Mammary Epithelial Cell Invasion Programs. <i>Developmental Cell</i> , 2018, 47, 145-160.e6.	7.0	50
107	Clustering of cell surface laminin enhances its association with the cytoskeleton. <i>Experimental Cell Research</i> , 1986, 165, 107-116.	2.6	49
108	Role of microRNA221 in regulating normal mammary epithelial hierarchy and breast cancer stem-like cells. <i>Oncotarget</i> , 2015, 6, 3709-3721.	1.8	49

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109	Transcriptional profiles of different states of cancer stem cells in triple-negative breast cancer. <i>Molecular Cancer</i> , 2018, 17, 65.	19.2	48
110	Integrin $\alpha 4$ -Targeted Cancer Immunotherapies Inhibit Tumor Growth and Decrease Metastasis. <i>Cancer Research</i> , 2020, 80, 771-783.	0.9	48
111	The Roles of the Let-7 Family of MicroRNAs in the Regulation of Cancer Stemness. <i>Cells</i> , 2021, 10, 2415.	4.1	48
112	Cancer Stem Cells: Implications for Cancer Treatment and Prevention. <i>Cancer Journal (Sudbury, Mass)</i> 2010, 16, 10-17.	2.6	47
113	Monitoring Serial Changes in Circulating Human Breast Cancer Cells in Murine Xenograft Models. <i>Cancer Research</i> , 2008, 68, 5529-5532.	0.9	47
114	Targeting self-renewal, an Achilles' heel of cancer stem cells. <i>Nature Medicine</i> , 2014, 20, 14-15.	30.7	47
115	Role of the cytoskeleton in laminin induced mammary gene expression. <i>Journal of Cellular Physiology</i> , 1988, 135, 13-22.	4.1	45
116	Single-cell RNA-sequencing of migratory breast cancer cells: discovering genes associated with cancer metastasis. <i>Analyst</i> , 2019, 144, 7296-7309.	3.5	45
117	Cancer stem cells: nature versus nurture. <i>Nature Cell Biology</i> , 2010, 12, 419-421.	10.3	42
118	Growth Hormone Is Secreted by Normal Breast Epithelium upon Progesterone Stimulation and Increases Proliferation of Stem/Progenitor Cells. <i>Stem Cell Reports</i> , 2014, 2, 780-793.	4.8	42
119	Biological and clinical significance of cancer stem cell plasticity. <i>Clinical and Translational Medicine</i> , 2014, 3, 32.	4.0	40
120	Tumor Twitter: Cellular Communication in the Breast Cancer Stem Cell Niche. <i>Cancer Discovery</i> , 2015, 5, 469-471.	9.4	40
121	A Novel IL6 Antibody Sensitizes Multiple Tumor Types to Chemotherapy Including Trastuzumab-Resistant Tumors. <i>Cancer Research</i> , 2016, 76, 480-490.	0.9	40
122	Evaluating the Financial Impact of Clinical Trials in Oncology: Results From a Pilot Study From the Association of American Cancer Institutes/Northwestern University Clinical Trials Costs and Charges Project. <i>Journal of Clinical Oncology</i> , 2000, 18, 2805-2810.	1.6	39
123	Xenografts faithfully recapitulate breast cancer-specific gene expression patterns of parent primary breast tumors. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 913-922.	2.5	39
124	Elimination of epithelial-like and mesenchymal-like breast cancer stem cells to inhibit metastasis following nanoparticle-mediated photothermal therapy. <i>Biomaterials</i> , 2016, 104, 145-157.	11.4	39
125	5T4-Targeted Therapy Ablates Cancer Stem Cells and Prevents Recurrence of Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2017, 23, 2516-2527.	7.0	39
126	FGFR signaling regulates resistance of head and neck cancer stem cells to cisplatin. <i>Oncotarget</i> , 2018, 9, 25148-25165.	1.8	39

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127	Function of Integrin-Linked Kinase in Modulating the Stemness of IL-6-Abundant Breast Cancer Cells by Regulating \hat{I}^3 -Secretase-Mediated Notch1 Activation in Caveolae. <i>Neoplasia</i> , 2015, 17, 497-508.	5.3	38
128	IL6 blockade potentiates the anti-tumor effects of \hat{I}^3 -secretase inhibitors in Notch3-expressing breast cancer. <i>Cell Death and Differentiation</i> , 2018, 25, 330-339.	11.2	38
129	Novel cancer stem cell targets during epithelial to mesenchymal transition in PTEN-deficient trastuzumab-resistant breast cancer. <i>Oncotarget</i> , 2016, 7, 51408-51422.	1.8	37
130	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. <i>Npj Breast Cancer</i> , 2021, 7, 66.	5.2	35
131	Bcl-2 protects murine erythroleukemia cells from p53-dependent and -independent radiation-induced cell death. <i>Carcinogenesis</i> , 1995, 16, 1761-1767.	2.8	34
132	Modeling of Cancer Stem Cell State Transitions Predicts Therapeutic Response. <i>PLoS ONE</i> , 2015, 10, e0135797.	2.5	34
133	Clinical predictors of long-term survival in HER2-positive metastatic breast cancer. <i>Breast Cancer Research and Treatment</i> , 2016, 155, 589-595.	2.5	34
134	Algorithm for cellular reprogramming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11832-11837.	7.1	34
135	A randomized, placebo-controlled phase 2 study of paclitaxel in combination with reparixin compared to paclitaxel alone as front-line therapy for metastatic triple-negative breast cancer (fRida). <i>Breast Cancer Research and Treatment</i> , 2021, 190, 265-275.	2.5	34
136	Macrophages express cell surface laminin. <i>Experimental Cell Research</i> , 1983, 143, 475-479.	2.6	33
137	Expression of aldehyde dehydrogenase 1 as a marker of mammary stem cells in benign and malignant breast lesions of Ghanaian women. <i>Cancer</i> , 2013, 119, 488-494.	4.1	33
138	Single cell dual adherent-suspension co-culture micro-environment for studying tumor-stromal interactions with functionally selected cancer stem-like cells. <i>Lab on A Chip</i> , 2016, 16, 2935-2945.	6.0	30
139	Metabolic plasticity of cancer stem cells. <i>Oncotarget</i> , 2015, 6, 35141-35142.	1.8	30
140	Leptin and Adiponectin Modulate the Self-renewal of Normal Human Breast Epithelial Stem Cells. <i>Cancer Prevention Research</i> , 2015, 8, 1174-1183.	1.5	29
141	Inhibition of protein synthesis by didemnin B is not sufficient to induce apoptosis in human mammary carcinoma (MCF7) cells. <i>Biochemical Pharmacology</i> , 1999, 58, 1067-1074.	4.4	28
142	Breast Cancer Stem Cells: We've Got Them Surrounded. <i>Clinical Cancer Research</i> , 2013, 19, 511-513.	7.0	28
143	Targeting LRP8 inhibits breast cancer stem cells in triple-negative breast cancer. <i>Cancer Letters</i> , 2018, 438, 165-173.	7.2	28
144	Metastatic Conditioning of Myeloid Cells at a Subcutaneous Synthetic Niche Reflects Disease Progression and Predicts Therapeutic Outcomes. <i>Cancer Research</i> , 2020, 80, 602-612.	0.9	28

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145	Characterizing Breast Cancer in a Population with Increased Prevalence of Triple-Negative Breast Cancer: Androgen Receptor and ALDH1 Expression in Ghanaian Women. <i>Annals of Surgical Oncology</i> , 2015, 22, 3831-3835.	1.5	27
146	Ultra-specific Isolation of Circulating Tumor Cells Enables Rare Cell RNA Profiling. <i>Advanced Science</i> , 2016, 3, 1600063.	11.2	27
147	Microfluidic continuum sorting of sub-populations of tumor cells via surface antibody expression levels. <i>Lab on A Chip</i> , 2017, 17, 1349-1358.	6.0	26
148	Biomaterial Scaffolds Recruit an Aggressive Population of Metastatic Tumor Cells <i>In Vivo</i> . <i>Cancer Research</i> , 2019, 79, 2042-2053.	0.9	26
149	Cellular, transcriptomic and isoform heterogeneity of breast cancer cell line revealed by full-length single-cell RNA sequencing. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 676-685.	4.1	26
150	Targeting cancer stem cells via dendritic-cell vaccination. <i>Oncolimmunology</i> , 2012, 1, 1401-1403.	4.6	25
151	Increased Expression of Interleukin-1 Receptor Characterizes Anti-estrogen-Resistant ALDH+ Breast Cancer Stem Cells. <i>Stem Cell Reports</i> , 2020, 15, 307-316.	4.8	24
152	Getting to the Root of BRCA1-Deficient Breast Cancer. <i>Cell Stem Cell</i> , 2009, 5, 229-230.	11.1	23
153	A quantitative proteomics analysis of MCF7 breast cancer stem and progenitor cell populations. <i>Proteomics</i> , 2015, 15, 3772-3783.	2.2	23
154	IL-6 Inhibition With MEDI5117 Decreases The Fraction of Head and Neck Cancer Stem Cells and Prevents Tumor Recurrence. <i>Neoplasia</i> , 2016, 18, 273-281.	5.3	23
155	Transdifferentiation-Induced Neural Stem Cells Promote Recovery of Middle Cerebral Artery Stroke Rats. <i>PLoS ONE</i> , 2015, 10, e0137211.	2.5	22
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